

## EAST Search History

| Ref # | Hits   | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|------------------------------|------------------|---------|------------------|
| L1    | 0      | (xray or x near ray or "x-ray") and absor\$4 near plate and preionization                        | USPAT                        | OR               | ON      | 2007/09/25 09:57 |
| L2    | 140345 | (xray or x near ray or "x-ray")  | USPAT                        | OR               | ON      | 2007/09/25 09:57 |
| L3    | 2      | (xray or x near ray or "x-ray") and absor\$4 with plate and preionization                        | USPAT                        | OR               | ON      | 2007/09/25 11:14 |
| L4    | 1307   | ((372/87) or (372/55)).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/09/25 11:14 |
| S1    | 1      | 10/529437  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/09/24 08:50 |
| S2    | 4      | ((("5283795") or ("4601036") or ("4868834") or ("4862468"))).PN.                                 | US-PGPUB;<br>USPAT           | OR               | OFF     | 2007/09/24 08:51 |
| S3    | 8      | ("4601036"   "4862468"   "4868834"   "4873692"   "4977574"   "5095492").PN. OR ("5283795").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/24 09:06 |
| S4    | 207    | cavity with rotat\$3 and grat\$3 and partial\$2 near reflect\$3                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/24 09:08 |
| S5    | 169    | cavity with rotat\$3 and grat\$3 and partial\$2 near reflect\$3 and axis                         | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/24 09:35 |
| S6    | 1      | 10/552500  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/24 09:43 |
| S8    | 1063   | littrow and grating  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/24 09:43 |
| S9    | 659    | littrow and grating and rotat\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/24 09:44 |
| S10   | 502    | littrow and grating and rotat\$3 and laser   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/24 09:44 |
| S11   | 388    | littrow and grating and rotat\$3 and laser and axis  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/24 09:45 |
| S12   | 4      | littrow and grating and rotat\$3 and laser and axis and littmann                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/24 09:44 |
| S13   | 0      | littrow and grating and rotat\$3 and laser and axis and electromagnetix                          | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/24 09:45 |

## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| S14 | 65   | littrow and grating and rotat\$3 and laser and axis and electromagnetic  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/09/24 09:48 |
| S15 | 4    | littmann and grating and rotat\$3 and laser and axis and electromagnetic   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/09/24 09:48 |
| S16 | 1361 | littmann   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/09/24 09:48 |
| S17 | 234  | littmann and cavity  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/09/24 09:48 |
| S18 | 8    | littmann with cavity   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/09/24 09:54 |
| S19 | 22   | littmann and wavelength near select\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/09/24 09:55 |
| S20 | 1672 | rotat\$3 near (reflect\$3 or mirror or grating) and wavelength near select\$3  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/09/24 09:56 |
| S21 | 251  | rotat\$3 near (reflect\$3 or mirror or grating) and cavity with mirror and wavelength near select\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/09/24 09:56 |
| S22 | 33   | rotat\$3 near (reflect\$3 or mirror or grating) and cavity with mirror and wavelength near select\$3 and optical near path and electromagnetic | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/09/24 10:04 |
| S23 | 2    | ((("5048045") or ("5778046"))).PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/24 11:30 |
| S24 | 1    | ("3755672").PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/24 11:30 |
| S25 | 57   | ("3755672").URPN.  | USPAT                        | OR | ON  | 2007/09/25 09:53 |